

Name_____

Types of Bonding Worksheet (CP Living)

Which kinds of elements undergo the following bond types?

Ionic

Covalent

Metallic

What kind of bonds are taking place in sodium sulfate? Explain using the formula of sodium sulfate
(use your ion sheet for this)

For the following compounds indicate what kind of bonds they possess. You may use a periodic table.

Substance	Bond Type	Substance	Bond Type
CaCl_2		Ba(CN)_2	
CO_2		Li	
Al_2S_3		NaBr	
Bronze (CuSn)		HClO_4	
$\text{C}_6\text{H}_{12}\text{O}_6$		Brass (CuZn)	

Define the following terms:

Electrolyte

Nonelectrolyte

Soluble

Insoluble